# Publications of Vorapong Suppakitpaisarn

## Journal Articles (Refereed)

[1] B. Manna, L. Nguyen, B. Roy, and V. Suppakitpaisarn, "Minimum target coverage for air quality monitoring using bus routes," *IEICE Transactions on Information & Systems*, 2025, accepted.

[2] Q. Hillebrand, V. Suppakitpaisarn, and T. Shibuya, "Communication cost reduction for subgraph counting under local differential privacy via hash functions," *Transactions on Machine Learning Research (TMLR)*, 2025, accepted.

[3] S. Mukherjee and V. Suppakitpaisarn, "Local differential privacy-preserving spectral clustering for general graphs," *Transactions on Machine Learning Research (TMLR)*, 2025.

[4] S. Buahong, V. Suppakitpaisarn, and P. Sripratak, "Finding a b-matching that embeds the maximum number of edge pairs in a given set," *Journal of Combinatorial Optimization (JOCO)*, vol. 49, 2025, Article No. 91.

[5] P. Vinayavekhin, B. Khomkham, V. Suppakitpaisarn, P. Codognet, T. Terada, and A. Miura, "Identifying relationships and classifying Western-style paintings: Machine learning approaches for artworks by Western artists and Meiji-era Japanese artists," *ACM Journal on Computing and Cultural Heritage*, vol. 17, no. 1, pp. 1–18, 2024, Article 6.

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[36] J. Bi and V. Suppakitpaisarn, "Performances of symmetric loss for private data from exponential mechanism," in *International Workshop on Parallel and Distributed Algorithms and Applications (PDAA)*, IEEE, 2022, pp. 154–160.

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## Others

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